

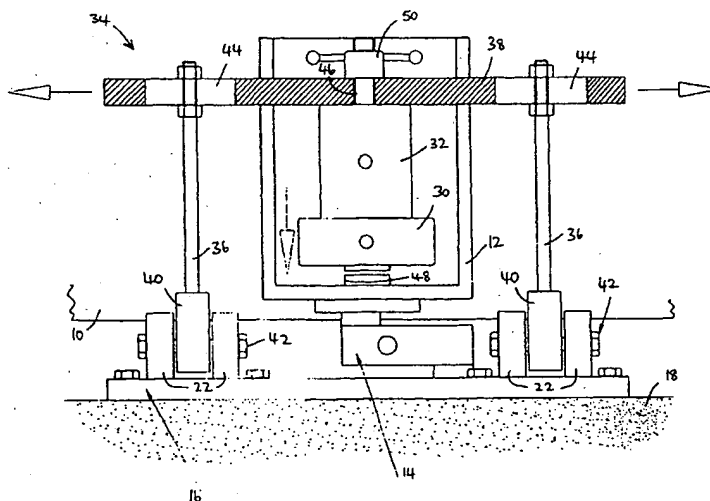
PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : G01G 23/01, G01L 25/00		A1	(11) International Publication Number: WO 00/12976
			(43) International Publication Date: 9 March 2000 (09.03.00)
(21) International Application Number: PCT/GB99/02865 (22) International Filing Date: 31 August 1999 (31.08.99) (30) Priority Data: 9818678.6 28 August 1998 (28.08.98) GB (71) Applicant (for all designated States except US): WEIGHING LOGISTICS LTD. [GB/GB]; Blackthorne Road, Colnbrook, Slough, Berkshire SL3 0AP (GB). (72) Inventor; and (75) Inventor/Applicant (for US only): TURNER, Philip, John [GB/GB]; Yew Cottages, 87 The Street, Rotherwick, Hook, Hampshire RG27 9BG (GB). (74) Agent: URQUHART-DYKES & LORD; 1 Richfield Place, 12 Richfield Avenue, Reading RG1 8EQ (GB).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.	

(54) Title: DEVICE AND METHOD FOR CALIBRATING A WEIGHING APPARATUS



(57) Abstract

A system for calibrating a plurality of weighing installations of the kind having a working configuration of at least one working load cell (14) with a fixed side and a load-bearing side, a support (16) for the fixed side of the load cell, and a load (12) operatively mounted on the load-bearing side of the load cell, comprises portable apparatus moveable between installations to be calibrated, and fixed apparatus at each installation to be calibrated. The portable apparatus includes a reference load cell (30) and a fluid ram (32), the fixed apparatus includes anchorage means (22) fast with the working load cell support (16), and the reference cell and the ram are removably connectable between the anchorage means and the load-bearing side of the working load cell to apply calibrating loads to the working load cell in its working configuration. As many rams and reference cells may be provided as there are working load cells for any weighing installation.

BEST AVAILABLE COPY